

INDEX MAPS.

T. 35 N. R. 8 W. 2nd Mer.

	246		246		246		245		245		245	
248	6	268	5	263	4	259	3	256	2	252	1	244
	268		267		262		259		255		252	
248	7	267	8	262	9	259	10	255	11	252	12	244
	266		266		261		258		255		251	
248	18	266	17	261	16	258	15	254	14	251	13	243
	266		265		261		258		254		251	
247	19	265	20	261	21	257	22	254	23	250	24	243
	265		264		260		257		254		250	
247	30	264	29	260	28	257	27	253	26	250	25	243
	264		263		260		257		253		249	
247	31	263	32	260	33	256	34	253	35	249	36	242
	242		242		242		241		241		241	

T. 36 N. R. 8 W. 2nd Mer.

	280		279		279		279		278		278	
282	6	299	5	296	4	293	3	290	2	286	1	277
	301		299		296		293		289		286	
282	7	299	8	295	9	292	10	289	11	286	12	277
	301		298		295		292		289		285	
281	18	298	17	295	16	292	15	288	14	285	13	276
	300		298		295		292		288		284	
281	19	298	20	294	21	291	22	288	23	284	24	275
	300		297		294		291		288		284	
281	30	297	29	294	28	291	27	287	26	283	25	275
	300		297		294		290		287		283	
280	31	296	32	293	33	290	34	287	35	283	36	275
	274		274		273		273		273		273	

Meanders - 301

The figures on the lines refer to the page.

South Boundary

Bar. 5° 55' E,

West on South Side Sec. 36
 11.50 to stream 60 lbs. cor. N. E.
 29.07 to W. oak 12 in. dia.
 40.00 Set gr. Sec. post from which
 to W. oak 20 in. dia. bears N 76 W. 2.44 lbs. dist.
 to Do 20 " " " N. 42 W. 2.64 " "
 60.83 to Do 12 " "
 63.00 to Brook 60 lbs. cor. South
 80.00 Set post cor. to Sec. 35 & 36 from which
 to Y. oak 10 in. dia. bears N. 43 W. 11 lbs. dist.
 to Do 20 " " " N. 17 E. 60 " "
 Land rolling & 2nd rate Timber Y. W. & B. oak

West on South Side Sec. 35
 23.54 to W. oak 14 in. dia.
 40.00 Set gr. Sec. post from which
 to B. oak 20 in. dia. bears N. 29 E. 96 lbs. dist.
 to Do 20 " " " N. 88 E. 61 " "
 63.56 to Do 18 " "
 80.00 Set post cor. to Sec. 34 & 35 from which
 to B. oak 12 in. dia. bears N. 49 E. 164 lbs. dist.
 to Do 14 " " " N. 69 W. 3.34 " "
 Land so much as before

West on South Side Sec. 34
 40.00 Set gr. Sec. post from which
 to B. oak 12 in. dia. bears N. 31 W. 13 lbs. dist.
 to Do 10 " " " N. 84 E. 40 " "
 80.00 Set post cor. to Sec. 33 & 34 from which
 to B. oak 12 in. dia. bears S. 40 W. 99 lbs. dist.
 to Do 12 " " " S. 59 W. 1.02 " "
 Land so same

West on South Side Sec. 33

T. 36 N. R. 8 W. 2nd Mer. T. 11

40.00	Set gr. sec. post from which
	" Br. Oak 20 in. dia. bears N. 36 E. 171 lbs. dist.
	" Do 12 " " " N. 61 W. 154 " "
44.00	Enter marsh
78.00	Leave Do
80.00	Set post cor. to Sec. 32 & 33 from which
	" Br. Oak 10 in. dia. bears N. 39 E. 209 lbs. dist.
	" Do 10 " " " N. 26 E. 203 " "
	Land as before marsh except a

West	on South Side Sec. 32
40.00	Set gr. sec. post from which
	" Y. Oak 14 in. dia. bears N. 40 E. 164 lbs. dist.
	" Do 10 " " " N. 63 $\frac{1}{2}$ W. 73 " "
64.29	" Do 18 " " "
80.00	Set post cor. to Sec. 31 & 32 from which
	" Y. Oak 10 in. dia. bears N. 40 W. 35 lbs. dist.
	" Do 18 " " " N. 73 E. 89 " "
	Land Level & Poor Timber Oak

West	on South Side Sec. 31
16.00	Enter marsh
37.00	Leave Do
40.00	Set gr. sec. post from which
	" Y. Oak 18 in. dia. bears N. 81 E. 91 lbs. dist.
	" Do 10 " " " N. 73 E. 41 " "
54.00	Enter marsh
78.70	W. Boundary Intersect. 4 th Sec. S. of Twp. 4, post
	cor. 32. 35 & 36 N. 10. 778 ft.
	where Set post from which
	" Y. Oak 12 in. dia. bears S. 6 W. 494 lbs. dist.
	" Do 12 " " " S. 15 E. 3. 68 " "
	Land level & poor Timber Oak

Surveyed May 1904 by
 Sylvester Sibley
 Dep't. Sur.

East Boundary

Bar. 6° 30' E,

- North on E. Side Section 36
- 11.63 to W. Oak 15 in. dia.
- 15.50 River bottoms - prairie
- 26.00 To Kalemink 40 lbs. wide on E. at N. bluff
- 39.63 to W. Oak 16 in. dia.
- 45.00 Set gr. Sec. post from which
- to W. Oak 9 in. dia. bears S. 4½ W. 25 lbs. dist.
- to Do 18 " " " N. 22½ W. 65 " "
- 47.02 to Sp. Oak 18 in. dia.
- 74.07 to Br. Oak 7 " "
- 50.00 Set post cor. to Sec. 25 & 36 from which
- to Br. Oak 8 in. dia. bears S. 26½ W. 103 lbs. dist.
- to Br. Oak 19 " " " N. 86 W. 55 " "
- Land level barrens except that near the River is cut by various clay soil. Timber mostly with W. Oak

-
- North on E. Side Section 25
- 25.71 to Y. Oak 18 in. dia.
- 40.00 Set gr. Sec. post from which
- to Br. Oak 8 in. dia. bears S. 28 W. 12 lbs. dist.
- to Hickory 9 " " " N. 22 W. 81 " "
- 78.29 to Y. Oak 17 " "
- 80.00 Set post cor. to Sec. 24 & 25 from which
- to W. Oak 24 in. dia. bears S. 42 W. 146 lbs. dist.
- to Do 19 " " " N. 62¾ W. 140 " "
- Land similar - gently rolling and N. ½ very thinly timbered

-
- North on E. Side Section 24
- 10.44 to W. Oak 5 in. dia.
- 18.00 Enter marsh
- 24.30 Leave Do
- 40.00 Set gr. Sec. post from which

J. 36 N. 20, 8 W. 2 2^d Mo. Ind^o

- @ Y. Oak 16 in. dia. bears S. 4 Mo. 29 Mo. dis.
 @ Do 12 " " " N. 73 Mo. 63 Mo.
 47.00 Enter marsh
 56.50 Enter Kalamieuk River navigable being
 on the Lake level. Set post on left
 shore from which
 @ W. Oak 9 in. dia. bears S. 1/2 Mo. 9.60 Mo. dis.
 @ Aspin 13 " " " S. 50 1/2 E. 4.15 " "
 61.01 over river, W. S. Mo. where set a post
 on Right shore from which
 @ W. Oak 18 in. dia. bears N. 71 1/2 Mo. 174.11 Mo. dis.
 @ Do 16 " " " North 5.31 " "
 65.00 Leave marsh
 80.00 Cor. of Sec. 13 & 24
 @ W. Oak 13 corner tree.
 Land rolling sandy poor. Y. Oak
 bars - well timbered with Y. & W. Oak

- North on E. Side Section 13
 17.87 @ Sp. Oak 18 in. dia.
 26.13 @ W. Oak 14 " "
 26.00 Enter marsh or wet prairie
 40.00 Set gr. Sec. post from which
 @ B. Oak 6 in. dia. bears S. 1/2 E. 14.25 Mo. dis.
 45.00 Deep marsh
 74.50 Left shore of the River styx where set
 post & raise a mound in mud,
 77.83 Over River - Course S. Mo. where set
 post 4 feet in mud & water could
 not raise a mound,
 80.00 Set post cor. to Sec. 12 & 13 in Shaking
 marsh, where raise a small mound,
 South 26.00 low level oak barrens well timbered,
 next 19.00 a level prairie mostly Cor. with
 water, at this time a cold soil remainder
 marsh under the influence of Lake

Michigan water varying from 2 inches
to 2 feet deep

North	on E. Side Section 12
40.00	Set 90. Sec. post from which a W. Oak 16 in. dia. bears N. 47 $\frac{1}{2}$ W. 413 W. 100 a Do 15 " " " N. 2 $\frac{3}{4}$ W. 374 " "
43.50	Leave marsh and enter Lake Michigan Sand hills
47.25	a Pine 8 in. dia
64.00	Enter marsh
69.70	Leave Do
69.56	a Y. Oak 8 in. dia.
72.00	Enter marsh
75.00	Leave Do
78.00	Enter Do
79.80	Leave Do
80.00	Set post cor. to Sec. 1 + 12 from which a Y. Oak 8 in. dia. bears N. 69 W. 8 the dist. a Do 13 " " " S. 70 W. 11 " "
	Dry land. Very white Sand some Pin oak + Y. Oak great river marsh a good growth of grass. Those among the hills wet + good for nothing

North	on E. Side Section 1
25.00	Enter marsh
5.00	Leave Do
7.50	Enter do
12.00	Leave Do
14.50	Enter marsh - long from E. N. E. to W. S. W.
22.50	Leave Do
24.58	a Y. Oak 14 in. dia.
28.00	Enter marsh
29.50	Leave Do
31.00	Enter Do.

T. 36. N. — R. 8 W. 2 ^{and} Mex. Ind. [@]

35.00	Leave Marsh
40.00	Set gr. sec. post from which a. Y. oak 13 in. dia. bears S. 35 W. 20 lbs. dist. a. Do " " " " N. 57 W. 29 " "
46.00	Enter marsh
48.50	Leave Do
56.00	Enter marshy pond
59.00	Leave " Do
59.50	a. Y. oak 13 in. dia
67.00	Enter pond
70.71	Turn corner of T. 36 R. 8 N. 74 S. 74 S. 74 S. Land marshes and sand ridges. Lim- ber mostly W. & Y. oak some pine Surveyed March 1834 by Robt. Clark Jr. Deft. Sur.

North Boundary

	Var. 4° 45' E,
West	on South Side Sec. 36 T. 37 N. R. 8 W.
18.35	a. Y. oak 12 in. dia,
40.00	Set gr. sec. post from which a. Y. oak 12 in. dia. bears N. 36 E. 73 lbs. dist. a. Do 10 " " " N. 58 1/2 W. 66 " "
72.53	" Do 10 " "
80.00	Set post cor. to sec. 35 & 36 from which a. Y. oak 10 in. dia bears N. 70 E. 37 lbs. dist. " Do 9 " " " N. 53 W. 13 " "
	Land rolling sandy & poor Lim. Oak.

West	on South Side Sec. 35 T. 37 N. R. 8 W.
40.00	Set gr. sec. post from which a. Y. oak 9 in. dia. bears N. 69 W. 18 lbs. dist. " Do 9 " " " N. 62 E. 79 " "
80.00	Set post cor. to sec. 34 & 35 from which a. Y. oak 10 in. dia. bears N. 48 1/2 E. 20 lbs. dist.

T 36 N. - R. 8 W. 2nd Mer. Ind^c 279

an Y. oak 15 in. dia. bears N. 74 $\frac{1}{2}$ W. 28 lbs. dist.
Land & same

West on South Side Sec. 34 T. 37 N. R. 8 W.
13.83 " Pine 10 in. dia. on South Bank of Calumie R. & C.
35.40 Set post on S. Bank of river from which
an Y. oak 6 in. dia. bears S. 85 W. 24 lbs. dist.
" Pine 6 " " " S. 69 E. 9 " "
40.00 Set gr. sec. post from which
an Y. oak 10 in. dia. bears N. 5 E. 8 lbs. dist.
" Do 10 " " " N. 76 E. 27 " "
67.30 To Y. oak 6 " " cor. on S. Bank grand
Calumie River
80.00 The cor. to Sec. 33 & 34 in River
Land & C. same

West on South Side Sec. 33 T. 37 N. R. 8 W.
27.00 Leave River where set post from which
an Y. oak 10 in. dia. bears S. 3 W. 48 lbs. dist.
" Y. oak 10 " " " S. 60 E. 98 " "
40.00 Set gr. sec. post from which
an Y. oak 9 in. dia. bears N. 61 E. 17 lbs. dist.
" Do 12 " " " N. 68 W. 70 " "
44.00 Set post on S. Side of River. from which
an Y. oak 12 in. dia. bears S. 49 E. 31 lbs. dist.
" Pine 12 " " " N. 63 $\frac{1}{2}$ E. 65 " "
76.50 Set post on N. Bank of River from which
an Y. oak 20 in. dia. bears N. 53 W. 284 lbs. dist.
no other need
80.00 Set post cor. to Sec. 32 & 33 from which
an Y. oak 18 in. dia. bears N. 5 E. 75 lbs. dist.
" Do 10 " " " N. 30 W. 131 " "
Land & C. same

West on South Side Sec. 32 T. 37 N. R. 8 W.
21.00 Set post on N. Bank of River from which

Y 36 M. R. 8 T. 2nd Mer. Ind^o

a. Y. Oak 20 in. dia. bears N. 19 E. 45 lbs. dist.
 " Do 10 " " " N. 20 W. 118 " "
 40.00 Set Dr. Sec. post in River
 80.00 Leave River where set post cor. to S. & E.
 31 & 32 & for meander post on North
 Side of River from which
 a. Y. Oak 10 in. dia. bears N. 10 W. 630 lbs. dist.
 no other
 Land as before

West on South Side Sec. 31 T. 37 N. R. 8 W.
 2079 Set post on N. Bank of River, from which
 a. Y. Oak 10 in. dia. bears N. 5 E. 10.785 lbs. dist.
 " Do 20 " " North 7.62 " "
 40.00 Dr. Section Corners in River
 78.79 To N. Boundary Intersect at post on North
 Side of River from which
 a. Y. Oak 12 in. dia. bears N. 80 W. 432 lbs. dist.
 (Cor. T. 36 & 37 N. R. 8 & 9 W., $\frac{3}{4}$) no other
 1st quarter wet prairie Soil 2nd rate
 March 6th 1834.

West Boundary
 + (Var. 6° 25' E.)
 North on E. Side Sec 36 T. 36 N. R. 9 W. xx
 Began in Marsh
 10.00 Leave Marsh
 40.00 Set gr. Sec. post from which
 a. Y. Oak 12 in. dia. bears S. 64 W. 20 lbs. dist.
 " Do 20 " " " N. 31 W. 41 " "
 65.00 Enter Marsh
 80.00 Set post cor. to Sec. 25 & 36 from which
 a. Y. Oak 20 in. dia. bears S. 74 W. 15.70 lbs. dist.
 no other
 Land level and poor Timber oak

North on E. Side Sec. 25 T. 36 N. R. 9 W.)
 34.00 Leave marsh
 40.00 Set gr. sec. post from which
 a. Y. Oak 24 in. dia. bears S. 42° W. 91 lbs. dist.
 " Do 20 " " " N. 59 W. 138 " "
 50.00 Trail Post & West
 30.00 Set post cor. to Sec 24 & 25 from which
 a. Y. Oak 18 in. dia. bears S. 32 W. 121 lbs. dist.
 " Do 18 " " " N. 38 W. 78 " "
 Land & same

North on E. Side Sec. 24 T. 36 N. R. 9 W.
 1.50 Enter marsh
 16.00 Set post on S. Side Lake, Calamie running
 through it course N. W. *
 no bearings nor mound on account of water
 40.00 Dr. Section corner in Lake
 50.80 Set post on N. Side of Lake where raise
 a mound
 80.00 Set post cor. to Sec 13 & 24 from which
 a. Y. Oak 12 in. dia. bears N. 77 E. 8.90 lbs. dist.
 no other. Land flat and poor mossy
 marsh.
 note: This stream was represented wrong by Mr.
 McDonald who runs the State line it
 puts into Lake Michigan about 1 1/4
 mile from the State line in Illinois

North on E. Side Sec. 13 T. 36 N. R. 9 W.
 25.00 Leave wet prairie
 40.00 Set gr. sec. post from which
 a. W. Oak 12 in. dia. bears S. 57 W. 40 lbs. dist.
 " Do 9 " " " N. 42 W. 56 " "
 80.00 Set post cor. to Sec 12 & 13 from wh.
 a. Y. Oak 10 in. dia. bears N. 68 W. 26 lbs. dist.
 " Do 12 " " " S. 48 W. 40. " "

T. 36 N. R. 8 W. 2nd Mer. Ind.Land level + 3rd rate Timber Oak

North	on E. Side Sec. 12 T. 36 N. R. 9 W.
40.00	Set gr. sec. post from which a. W. Oak 6 in. dia. bears S. 55 W. 58 lbs. dist. " Do 6 " " " S. 86 52 " "
46.00	Enter marsh
68.00	Leave Do.
80.00	Set post cor. 10 Sec. 12 12 from which a. Y. Oak 6 in. dia. bears S. 76 45 lbs. dist. " Do 12 " " " S. 62 W. 29 " "
	Land & similar

The Land North of the Calumet is flung up into ridges of from 50 lbs to 5 cks. high & between the ridges there are arms of wet prairie running together with the ridges for miles almost perfectly straight

North	on E. Side Sec. 12 T. 36 N. R. 9 W.
40.00	Set gr. sec. post from which a. Y. Oak 18 in. dia bears S. 4 W. 142 lbs. dist. " Do 16 " " " S. 18 1/2 E. 75 " "
70.10	a. Y. Oak 10 in. dia. cor on Bank of Grand Calumet River no current perceptible - but is said to run at this place S. E.
80.00	Set temporary post on North Side of River. Land & much as before Very marshy about stream
Note	this stream or whatever it may be called is at present connected with the Lake Michigan by a mouth which enters into it about 6 or 8 miles N. E. from this line it also is connected with the little Calumet in the State of Ill. where it is said to have a cut at ^{Station} Gage

Y 36 N. R. 8 W. 2nd Mer. Ind^o

283

Surveyed in 1834 by

Sylvester Libby

Dep^t. Surveyor

Subdivisions

(On 6° 30' 6")

North Between Sections 35 & 36
40.00 Set gn. Sec. post from which
a. Y. Oak 18 in. dia. bears S. 38 No. 58 W. 165°
" Do 18 " " " N. 60 E. 71 " "
80.00 Set post cor. to Sec. 25, 26, 35 & 36
a. Br Oak 12 in. dia. bears S. 37. 200 lbs. dia.
" Do 8 " " " N. 16½ W. 132 " "
1½ fine W. Oak timber 2nd rate Soil
N½ level. Br. Oak barrens good Soil

East on Ransom between Sec. 35 & 36
79.75 Intersect E. Boundary 15. lbs N. of post
E. ½ Beautiful Oaks Br. barrens good
Soil N½ fine W. Oak timber poor Soil

West Corner line between Sec. 25 & 36
10.61 a. W. Oak 10 in. dia.
39.87 Set gn. Sec. post from which
a. Br. Oak 6 in. dia. bears S. 67 No. 69 W. 165°
" W. Oak 10 " " " N. 76 W. 41 " "
79.75 Section Corner

North Between Sections 25 & 26
40.00 Set gn. Sec. post in Small Marsh from W.
and Br. Oak bears N. 37 No. 135
no other near
50.00 Base of Oak Ridge
75.00 Enter Marsh water 3 feet deep
80.00 Set post in marsh cor to Sec. 23, 24.
25 & 26 1½ Broken barrens good

T 36 N. — R. 8 W. 2nd Mer. Ind. "

S. L. Soil N^o 3 oak Ridge Sand hills
Marsh &c

East on Random between Sec. 24 & 25

8.00 Leave marsh

30.00 Raise on E. point of Oak Ridge

49.80 Intersect E. Boundary 18 links N. of post

West on Random between Sec. 24 & 25

39.90 Set gr. Sec. post from which

a N. oak 14 in. dia bears S. 83 E. 62 links

" Y. oak 19 " " " East 67 " "

49.80 Section corner

North Between Sections 23 & 24

8.00 Leave marsh

13.31 a. Y. oak 12 in. dia,

30.00 Enter low wet prairie

40.00 Set gr. Sec. post from which

an Double N. oak bears N. 35 E. 20 yds,

49.00 Intersect Lake, connected with Calumet

& a large creek flowing into Calumet on South Side, the junction is in

Sec. 14 where Set Meander post and

raise a mound at margin of water,

the water in Lake from 1 to 2 feet

deep, with a crop of Marsh cane or wild

Rice, from 8 to 12 feet high

50.00 Cor. to Sec. 13, 14, 24 & 23 in Lake

East on Random between Sec 13 & 24

from Meander — post on N. line between Sec.

23 & 24 run East 7.00, thence N. 1.00 to line

13.50 Intersect main channel of creek & set post

where raise a mound

T. 36 N. - R. 8 W. 2nd Mer. Ind. 285

East Cont.
62.1 Between Secs 13 & 24
 47.65 over creek. and set meander post at margin
 of Lake
 50.00 Leave low ground. & enter fine meadow ground
 80.20 Intersect E. Boundary 35 lbs. N. of post
 N. 1/2 Lake & set grassland 6 1/2 M. out timber

West Correct between Secs 13 & 24
 40.10 Set gr. Sec. post from which
 @ W. Oak 18 in. dia, bearing S. 30 E. 81 lbs. dist.
 @ Y. Oak 6 " " " S. 76 1/2 E. 69 " "
 80.20 Section corner

North Between Sections 13 & 14
 Continued line through Lake
 32.00 Reach main channel of Creek
 34.00 Over main Channel of Creek
 40.00 Set gr. Sec. post in Lake
 50.00 Enter main Channel of Calurnie River
 53.00 Over River
 60.00 Set meander post & mound at margin
 of Lake on right side of River
 80.00 Set post & raise a mound cor to Secs
 11, 12, 13 & 14 the whole line under water
 from 1 to 10 feet deep the shallowest parts
 grown full of wild rice 10 or 12 feet high
 The river deep & sluggish, banks low &
 level with the adjoining Lake

East on Random between Secs 12 & 13
 19.00 Lake of River, & set post in mound for
 meander post on right bank of River
 80.40 Intersect E. Boundary 60 lbs. S. of post

West Correct line between Secs 12 & 13
 6.00 Set meander post at margin of Lake

T. 36. N. - R. 8 W. 2nd Mer Ind^o

Q.L. of River in water,
 40.20 Set gr. Sec. post in Lake of River
 50.40 Section Corner.
 this line in River and to Lakes

North Between Sections 11 & 12
 20.00 Leave Calumie marsh & Enter barrens
 37.94 @ Y. oak 10 in. dia.
 40.00 Set gr. Sec. post from which
 @ W. oak 10 in. dia. bears S. 29 E. 1.07 lks. dist.
 @ Pine 10 " " " S. 33 W. 1.31 " "
 49.89 @ Y. oak 10 " "
 50.00 Set post cor. to Secs 1, 2, 11 & 12 in marsh
 Water, S. to Calumie marsh N³/₄ Sand
 hilly & peaks rugged broken & poor interspersed
 with marshes & water.

East on Random between Secs 1 & 12
 50.60 Intersect Co. Boundary 11 lks. N. of post
 * Sand hills as on N. line interspersed with
 marshes, a stunted growth of Y. oak &
 W. oak timberberry scrubby & rough soil
 white sand

West Corner line between Secs 1 & 12
 40.30 Set gr. Sec. post from which
 @ Y. oak 10 in. dia. bears N. 12 W. 49 lks. dist.
 @ W. oak 10 " " " S. 14 E. 47 " "
 50.60 Section Corner
 * Township note call for post & mound at
 the above corner, found post & bearings

North Between Sections 1 & 2
 28.83 @ Y. oak 14 in. dia
 40.00 Set gr. Sec. post from which
 @ Y. oak 10 in. dia. bears N. 15 E. 57 lks. dist.

287

T. 36, N. - R. 8 W. 2nd Mer. S. 1st E

6.2. @ Y. Oak 6 in. dia, bears N. 7 W 70 lbs dist.
 68.57 @ Do 12 " " "
 71.63 Intersect N. Boundary 60 lbs. W. of post
 where set post cor. to Sec. 1 & 2 from which
 @ Y. Oak 8 in. dia, bears S. 6 E. 31 lbs. dist.
 @ Do 5 " " " S. 69 W. 52 " "
 Broken rough sand hills, a scully growth
 of Y. & Jack oak pine oak &c. interspersed
 with marshes & Bayous of Grand Calumie
 August 21, 1834

North Between Sections 34 & 35
 40.00 Set gn. Sec. post from which
 @ Br. Oak 12 in. dia, bears S. 8 1/2 W. 132 lbs. dist.
 no other near
 67.00 Enter marsh
 80.00 Set post corner to Sec. 27, 26, 35 & 34 in
 marsh water 12 inches deep S 1/2 open
 Br. Oak bearing N 1/2 bearing Marsh &c

East On Random between Sec. 26 & 35
 30.00 Leave marsh
 79.81 Intersect N. & S. line 25 lbs. S. of post W 1/2
 marsh 6 1/2 Smooth Br. Oak bearing 2nd rate
 Soil

West Corner line between Sec. 26 & 35
 39.90 Set gn. Sec. post from which
 @ Br. Oak " " " " S. 29 E. 39 lbs. dist.
 @ Do 12 in dia, " N. 44 W. 210 " "
 79.81 Section Corner

North Return Sections 26 & 27
 36.00 Leave marsh at base of oak ridge
 40.00 Set gn. Sec. post from which
 @ Y. Oak 12 in. dia, bears N. 86 W 39 lbs. dist.

S. 36 N. B. & W. 2nd Sec. Twp. 2nd N. 2nd E. 103rd W. 103rd E.

C.L. @ Var. Oak 5 in. dia. bears N. 63 E. 103rd lks dis.
 57.00 Leave ridge & enter marsh
 78.00 Leave marsh
 80.00 Set post cor. to Sec. 22, 23, 26 & 27
 @ Y. Oak 14 in. dia. bears N. 72 W. 50 lks dis.
 @ Do 12 " " " S 53¹/₂ E. 103 " "
 Poor Soil & Scubby growth of timber

East Random between Sec. 23 & 26
 72.50 Enter marsh
 79.88 Intersect N. & S. line at post
 Poor Y. oak barrens, interspersed with Ponds
 marshes &c.

West Corner line between Sec. 23 & 26
 39.94 Set gr. sec. post from which
 @ Y. oak 16 in. dia. bears N. 10 E. 23 lks dis.
 @ Do 12 " " " S. 46 E. 44 " "
 79.88 Section Corner

North Between Sections 22 & 23
 27.00 Enter low prairie or Calumie bottom
 40.00 Set gr. sec. post in marsh
 50.00 Set meander post & raise a mound
 in line between Sec. 22 & 23 at margin
 of Calumie Lake
 80.00 Place of post in Lake. S. $\frac{1}{2}$ poor oak
 ridge, wet prairie marsh &c N. $\frac{1}{2}$ a heavy
 growth of Russia rice or marsh cane

East on Random between Sec. 14 & 23
 line in Lake River &c.

North Between Sections 14 & 15¹/₂ Continued
 line through Lake
 47.00 Channel of River

49.00 Over River
 58.00 Set meander post & raise a mound at margin of Lake on right side of river
 80.00 Set post cor. to Sec. 10, 11, 14 & 15 at base of sand hill from which
 @ Y. Oak 12 in. dia. bears S. 89 W. 58 lks. dist.
 @ Do 10 " " " 78 E. 66 " "
 West low prairie Lake River &c.

East On Random between Sec. 11 & 14
 15.00 Enter low prairie
 80.20 Intersect N. & S. line 35 lks. N. of post W. 1/4 sand hills E. 3/4 wet low prairie

West Corner line between Sec. 11 & 14
 40.10 Set gr. Sec. post, where raise a mound
 80.20 Section corner
 August 22nd, 1834

North Between Sections 10 & 11
 26.47 @ Y. Oak 8 in. dia.
 40.00 Set gr. Sec. post from which
 @ W. Oak 8 in. dia. bears S. 8 E. 112 lks. dist.
 @ Do 5 " " " S. 14 W. 110 " "
 80.00 Set post cor. to Sec. 2, 3, 10 & 11 from wh.
 @ Hack Oak 10 in. dia. bears S. 39 W. 51 lks. dist.
 @ " Do 12 " " " S. 74 W. 85 " "
 5 1/2 sand hills from 20 to 80 feet high
 N. 1/2 broken sandy soil, interspersed
 with marsh briars &c. scrubby oak &
 pine timber

East On Random between Sec. 2 & 11
 80.25 Intersect N. & S. line 11 lks. N. of post. from
 sandy soil & marshes, very stunted growth
 of timber rough undergrowth

T³⁶ M¹ — B¹ & W² 2nd Sec. Ind^c

West Corner line between Sec^s 2 & 11
 40.12¹ Set gr. Sec. post from which
 a W. oak 18 in. dia. bears N. 61 E. 20 lks. dist.
 a " Do 16 " " " S. 2 E. 29 " "
 80.25 Section Corner

North Between Sections 2 & 3
 40.00 Set gr. Sec. post from which
 a W. oak 14 in. dia. bears N. 22 E. 31 lks. dist.
 a Y. oak 8 " " " N. 29 W. 110 " "
 70.20 a Y. Do 14 " "
 73.68 Intersect N. Boundary 1.18 lks. W. of post
 where set post cor. to Sec^s 2 & 3 from wh.
 a Y. oak 6 in. dia. bears S. 55 E. 27 lks. dist.
 a " Do 4 " " " S. 20 W. 15 " "
 poor sand ridges marsh & briars &c
 alternately advancing from E. to W. a
 dwarfish growth of oak & pine timber
 poor prospect.

August 23rd 1834

North Between Sections 33 & 34
 25.00 Enter marsh
 40.00 Set gr. Sec. post in marsh
 62.00 Leave marsh
 80.00 Set post cor. to Sec^s 27, 28, 33 & 34 from
 a Y. oak 10 in. dia. bears S. 12 W. 30 lks. dist.
 a " Do 12 " " " N. 54 E. 38 " "
 3rd rate Soil poor Timber

East on Random between Sec^s 27 & 34
 62.00 Enter marsh
 80.00 Intersect N. & S. line 5 lks. N. of post from soil

West Corner line between Sec^s 27 & 34
 40.00 Set gr. Sec. post from which

C.L.	@ Br. Oak	Leaves N. 79 1/2 E. 151 lbs. dist.
		no other near
50.00	Section Corner	
<hr/>		
North	Between Sections 27 + 28	
35.00	Enter marsh	
49.00	Set gr. sec. post in marsh from which	
	@ Y. Oak 12 in. dia. bears S. 89 E. 206 lbs. dist.	
		no other near
50.00	Leave marsh at base of oak ridge	
75.00	Enter Calumie bottom	
80.00	Set post cor. to Sec. 21, 22, 27 + 28 from which	
	are Aspire 12 in. dia. bears N. 54 W. 154 lbs. dist.	
	" Do 8 " " " N. 53 1/2 E. 225 " "	
	S. 1/2 Ridge Sandy & poor N. 1/2 rough wet	
	bottom land	
<hr/>		
East	on Random between Sec. 22 + 27	
50.00	Leave bottom & Enter upon oak ridge	
50.00	Intersect N. & S. line 4 lbs. S. of post poor	
	third rate Soil	
<hr/>		
West	Corner line between Sec. 22 + 27	
11.98	@ Y. Oak 12 in. dia.	
40.00	Set gr. sec. post in marsh from which	
	@ Br. Oak 6 in. dia. bears S. 32 1/2 W. 185 lbs. dist.	
50.00	Section Corner	
<hr/>		
North	Between Sections 22 + 21	
35.50	Set meander post & raise a mound	
	at Margin of Lake on left side of River	
50.00	Main Channel of River	
53.00	Over River	
80.00	In Lake on right side of River, deep slow	
	Suggish Strasse filled almost the whole	
	width of Channel with Shore string or mops,	

G. 36 N. B. 8 W. 2 and Mer. Ind.

Lake or Margin of River grown full
of Wild rice to a great height

East	on Random between Sec. 15 & 22 This line in Lake & River
North	Between Section 15 & 16 Continued line in Lake
15.00	Set meander post and raise a mound on Right bank or Margin of Lake
48.00	Leave marsh at base of Sand hills
49.75	an Aspin 12 in. dia.
80.00	Set post cor. to Sec. 9, 10, 15 & 16 from Nch, a Y. oak 12 in. dia, bears S. 69 No. 176 lbs dist. Do Do 12 " " " N. 28 No. 152 " " S. 1/2 Calumie Marsh N. 1/2 Sand hills Interspersed with marshes
East	on Random between Sec. 10 & 15
79.70	Intersect N. & S. line 34 lbs N. of post, pass Sand hills, timber dwarfish white pine Y. oak &c.
West	Corner line between Sec. 10 & 15
39.85	Set gr. Sec. post from which a Y. oak 10 in. dia bears N. 5 No. 20 lbs. dist. Do Do - " S. 30 No. 29 " "
79.70	Section Corner
North	Between Sections 9 & 10
40.00	Set gr. Sec. post from which a Y. oak 12 in. dia, bears N. 10 E. 15 lbs. dist. Do Do 12 " " " S. 71 1/2 No. 55 " "
58.33	a " " 6 in. dia,
50.00	Set post cor. to Sec. 3, 4, 9 & 10 from Nch, a Y. oak 18 in. dia, bears N. 83 No. 105 lbs. dist.

J. 36 M. — R 8th M. 2nd Mer. Ind^e 293

2 Y. oak 24 in. dia. bears S. 55 1/2 E. 28 lks. dist.
poor sand. ridges interspersed with marshes

East on Random between Sec. 3 & 10

79.60 Intersect E. Boundary 1 lks. N. of post this line
low wet land, willow thicket & Y. oak
grubs, whitebark bushes &c.

West Correct line between Sec. 3 & 10

39.80 Set gr. Sec. post in small marsh from wh.
2 Y. oak 8 in. dia. bears N. 77 E. 158 lks. dist.
2 W. oak " N. 71 W. 72 " "

79.60 Section Corner

North Between Sections 3 & 4

40.00 Set gr. Sec. post from which
2 Y. oak 26 in. dia. bears N. 76 E. 33 lks. dist.
2 W. oak 30 " " " N. 50 W. 119 " "

69.00 Intersect Grand Calumie River, where
Set meander post from which
2 W. pine 12 in. dia. bears N. 75 W. 24 lks. dist.
2 " Do 10 " " " N. 61 E. 25 " "

75.68 Intersect place of confluence in River, poor sand
hills. Small W. Pine & Y. oak

August 25th 1834

North Between Sections 32 & 33

20.00 2 Y. oak 24 in. dia.

40.00 Set gr. Sec. post in small marsh from wh.
2 W. oak 6 in. dia. bears N. 60 E. 113 lks. dist.

no other near

74.65 2 Y. oak 12 in. dia

80.00 Set post cor. to Sec. 28, 29, 32 & 33 from wh.

2 W. oak 36 in. dia. bears N. 57 E. 55 lks. dist.

2 Do 12 " " " S. 31 W. 58 " "

broken oak ridge interspersed with small marshes

T. 36 N. R. 8 W. 2nd Mer. Ind. @

East	on Random between Sec. 28 + 33
80.30	Intersect N. & S. line 35 lbs N. of post Same as North line
West	Correct line between Sec. 28 + 33
40.15	Set gr. Sec. post from which a Y. oak 10 in. dia. bears N. 18 W. 46 lbs. dist. " Do Do 8 " " " N. 58 E. 37 " "
80.30	Section Corner
North	Between Sections 28 & 29
40.00	Set gr. Sec. post from which a Y. oak 8 in. dia. bears N. 67 E. 20 lbs. dist. " Do Do 10 " " " N. 60 1/2 W. 15 " "
62.80	" Y. Do 12 " "
65.00	Oak Ridge, at this place an Indian Trail running East & West
70.00	Enter Calumie bottom
80.00	Set post cor. to Sec. 20, 21, 28 + 29 from which a Y. oak 18 in. dia. bears N. 13 W. 186 lbs. dist. " Do Do 16 " " " N. 34 E. 3.18 " "
	Poor Soil
East	on Random between Sec. 21 + 28
80.18	Intersect N. & S. line at post. level marsh Land older water Willows & an abund- -ance of Cranberries
West	Correct line between Sec. 21 + 28
40.09	Set gr. Sec. post from which a Y. oak " " " bears N. 23 W. 186 lbs. dist. " Do Do 10 in. dia. " N. 18 E. 1.97 " "
80.18	Section Corner. August 26. 1884
North	Between Sections 20 + 21
27.50	is Margin of Lake of Calumie River

When set meander post & raise a mound
at Edge of water,

73.00 Enter main Channel of River
80.00 Over River, the River here has a current
& is filled with vegetation very deep

+2

East on Random between Sec. 16 & 21
Line in Lake & River

North Between Sections 16 & 17

26.00 Reached right margin of Lake of Calumet
River when set meander post from which
an Aspin 12 in. dia. bears S. 62° E. 180 lbs. dist.
No other Meas

40.00 Set gr. Sec. post in wet prairie when raise a mound

48.50 Enter sand hills

42.40 " Y. oak 12 in. dia

80.00 Set post cor. to Sec. 8, 9, 16 & 17 poor sand
hills, dwarfish Y. oak & Pine, frequent
marshes. a Y. oak 12 in. dia bears N. 30 E 33 lbs. dist.

" " " 12 " " " S. 43 W. 48 " "

East on Random between 9 & 16

79.96 Intersect N. & S. line 40 lbs. N. of post poor
Sandy Soil Y. oak openings

West on Random line between Sec. 9 & 16

39.98 Set gr. Sec. post from which

" Y. oak 8 in. dia. bears S. 26, N. 20 lbs. dist.

" " " 6 " " " N. 18 N. 29 " "

79.96 Section corner

North Between Sections 8 & 9

40.00 Set gr. Sec. post from which

" Y. oak 8 in. dia. bears N. 70 W. 90 lbs. dist.

" " " 12 " " " S. 76 E. 74 " "

T. 36 N. — R. 8 W. 2nd Mer. Ind. Co.

61.40	2 Y. oak 14 in. dia,
50.00	Set post cor. to Sect. 4. 5. 8 & 9 from which 2 Y. oak 14 in. dia. bears S. 11 ¹ / ₂ W. 128 ¹ / ₂ lbs dist. 2 do do 12 " " East 64 " " Sand knobs, interspersed with small marshes
East	on Random between Sect. 4 & 9
79.86	Intersect N. & S. line 4 lbs. N. of post. Y. oak openings 3 rd rate Soil
West	Connect line between Sect. 4 & 9
39.73	Set gr. Sec. post from which 2 Y. oak 10 in. dia. bears N. 30 ¹ / ₂ W. 31 lbs dist. 2 do do 8 " " " S. 82 ¹ / ₂ E. 60 " "
79.86	Section Corner
North	Between Sections 4 & 5
25.00	Spring brook 5 lbs side N. E.
27.31	2 W. oak 10 in dia.
40.00	Set gr. Sec. post from which 2 Y. oak 12 in. dia. bears N. 19 ¹ / ₂ E. 57 lbs dist. 2 do do 12 " " " S. 31 ¹ / ₂ W. 81 " "
64.50	Right Bank Grand Calumie River, Where Set meander post from which 2 W. Pine 12 in. dia. bears S. 48 ¹ / ₂ E. 79 lbs dist. 2 Y. oak 10 " " " N. 78 ¹ / ₂ W. 38 " " Broken Sand Sandy Soil 3 rd rate
67.00	Acrop River on Shaky marsh, under water 3 feet
*77.00	Intersect N. Boundary 3.83 Ch 26 of post where Set post cor. to Sect. 4 & 5 in marsh August 27 th , 1834
* This measure as appears by plotting. Should be 74.70-	
North	Between Sections 31 & 32
40.00	Set gr. Sec. post in small marsh from which 2 Y. oak 12 in. dia. bears S. 12 ¹ / ₂ E. 2.42 lbs dist.

62. L. 2 Y. oak 10 in. dia. bears S. 48 W. 2.00 lbs. dist.
50.65 2 Do. 20 10 " "
63.00 Enter large marsh cross N. W.
80.00 Set post cor. to Sec. 29, 30, 31 & 32 in marsh
low Y. oak Barrens, interspersed with marsh
and Ponds

East on Random between Sec. 29 & 32
29.00 Leave marsh & Enter barrens
80.01 Intersect N. & S. line by N. of post 3rd rate
Soil. low scrubby timber

West Corner line between Sec. 29 & 32
40.00 Set gr. Sec. post in small marsh from which
2 Y. oak 16 in. dia. bears S. 58 190 lbs. dist.
No other
80.01 Section Corner

North Between Sections 29 & 30
29.00 Leave marsh at base of oak ridge
31.00 2 Y. oak 12 in. dia.
40.00 Set gr. Sec. post from which
2 Y. oak 12 in. dia. bears S. 48 W. 15 lbs. dist.
2 W. oak 12 " " " S. 9 E. 53 " "
57.00 2 Y. oak 12 " "
62.00 Enter Bushy bottom land
80.00 Set post cor. to Sec. 19, 20, 29 & 30 from which
2 Y. oak S. 1/2 W. 93 lbs. dist.
" 20 20 S. 10 E. 61 " "
poor 3rd rate Soil

East on Random between Sec. 29 & 30
80.00 Intersect N. & S. line at post, 3rd rate Soil,
Rough grubby growth of small Y. oak very
thick

T. 36 N. — R. 8 W. 2nd Mer. Ind^o

West Connect line between Sec. 20 & 29
 40.00 Set gr. Sec. post from which
 a Y. oak 10 in. dia. bears N. 40 E. 44 lbs. dist.
 80.00 Section corner

North Between Sections 19 & 20
 3.00 Enter open grass bottom
 25.00 Set meander post & raise mound at
 margin of Lake on left side of River,
 80.00 Intersect main Channel of River, the water
 from meander post to River from 1 to 4
 feet deep. Co to Sec. 17, 18, 19 & 20 in
 River August 28th 1834

East on Random between Sec. 17 & 20
 This line in Lake & River

North Between Sections 17 & 18
 15.00 right margin of Lake of Calumet, where
 Set meander post & raise a mound,
 40.00 Set gr. Sec. post, where raise a mound in
 wet prairie
 46.00 Leave wet prairie & Enter upon Sand hills
 80.00 Set post cor. to Sec. 7, 8, 17 & 18 from which
 a Y. oak 18 in. dia. bears N. 20 E. 8 lbs. dist.
 a Do. Do. 8 " " " S. 60 W. 7 " "
 S 1/2 wet prairie N 1/2 poor Sand hills

East on Random between Sec. 8 & 17
 79.75 Intersect N. & S. Boundary line ^{of sec.} 5 lbs. S. of post
 Y. oak openings 3rd rate soil

West Connect line between Sec. 8 & 17
 39.87 1/2 Set gr. Sec. post from which
 a Y. oak 12 in. dia. bears N. 8 1/2 E. 26 lbs. dist.
 a Do. Do. 12 " " " S. 32 W. 31 " "

79.75 Section Corner

North Between Sections 7 & 8

30.55 @ Y. oak 6 in. dia.

40.00 Set gn. Sec. post from which

@ Y. oak 8 in. dia. bears N. 76 W. 31 the dist.

@ Do Do 10 " " " N. 76 E. 49 " "

79.00 @ Do Do 10 " " "

80.00 Set post cor to Sect. 5, 6, 7, & 8 from which

@ Y. oak 8 in. dia. bears N. 52 E. 45 the dist.

@ Do Do 14 " " " N. 61 W. 38 " "

East on Randon between Sect. 5 & 8

79.75 Intersect N. & S. line 17 the S. of post pole broken
Sawd Soil Timber a stunted growth of Y. oak

West Correct line between Sect. 5 & 8

39.87 Set gn. Sec. post from which

@ Y. oak 12 in. dia. bears S. 75 E. 53 the dist.

@ Do Do 6 " " " N. 41 E. 53 " "

79.75 Section Corner

North Between Sect. 5 & 6

40.00 Set gn. Sec. post from which

@ Y. oak 10 in. dia. bears N. 20 E. 54 the dist.

@ M. oak 10 " " " N. 41 W. 43 " "

62.00 Reached Bank of main Calumie where
Set meridian post from which

@ Y. oak 12 in. dia. bears S. 54 E. 79 the dist.

@ Do Do 12 " " " S. 17 W. 22 " "

poor broken Sawd Soil, dwarfish timber
with narrow marshes entering from E. of N.

River sluggish and deep

64.00 Over River on Shaky marsh; under water
from 1 to 3 feet

78.73 Set meridian post on left margin of Calumie

Y 36 N₁ - R₈ M₂ ^{2nd} Mer. Ind²

62. in marsh. Corner to Sec^s 5 & 6 from which
a Y. oak 10 in. dia bears N. 63 W. 320 lbs dis^t.
no other

the intersection of Town line on North
Boundary was 4.37 ch west of post, on
N. side of River is a shaly marsh, water
from 1 to 3 feet deep

West On Random between Sec^s 30 & 31
78.12 Intersect N. Boundary 75 lbs N. of post,
poor 3rd rate marsh. low growth water
killing marsh grass &c. &c.

East Corner line between Sec^s 30 & 31
38.12 Set gn. Sec. post in marsh
78.12 Section Corner

West On Random between Sec^s 19 & 30
77.00 Intersect N. Boundary 35 lbs N. of post
a N. oak 8 in. dia. bears S. 65 E. 50 lbs dis^t.
a Do do 8 " " " N. 35 E. 56 " "
Rough 3rd rate Soil wet & low

East Corner line between Sec^s 19 & 30
37.00 Set gn. Sec post from which
a N. oak, 8 in. dia. bears S. 16 E. 55 lbs dis^t.
a Y. oak 14 " " " N. 17½ E. 75 " "
47.00 Section Corner

West Random between Sec^s 18 & 19 from
meander, post on line between Sec^s
17 & 18 thence west 24.30 lbs,
thence South 15.00 lbs. to line between Sec^s 18 & 19
thence west 52.00 to N. Bound. line
76.30 Intersect N. Boundary 17 lbs N. of post,
marsh under water 4 to 6 inches

Y 36 N. - R. 8 W. 2nd Mer. And 301

East Corner line between Sec. 18 & 19
 36.30 gr. Sec. post in marsh water
 52.00 Set meander post on right margin of
 Calumie Lake, thence 76.30 to Sec. cor.
 76.30 To Sec. Corner

West Random between Sec. 18 & 19
 75.61 Intersect West Boundary 2 lks S. of post
 Y, oak openings 3rd rate Soil
 @ Y, oak 10 in. dia. bears N. 33 E. 53 lks. dist.
 @ Do do " S. 19 E. 77 " "

East Corner line between Sec. 18 & 19
 35.61 Set gr. Sec. post from which
 @ Y, oak 10 in. dia. bears S. 81 E. 75 lks. dist.
 @ Do, Do 6 " " " S. 82 E. 53 " "
 75.61 Section Corner

August 30th 1834

West on Random between Sec. 6 & 7
 75.04 Intersect W. Boundary 15 lks N. of post poor
 hard Soil, broken a dwarfish growth of Y,
 oak Timber, thence Set post cor. to Sec. 5 & 6
 @ Y, oak 10 in. dia. bears S. 48 E. 54 lks. dist.
 @ Do Do 10 " " " N. 84 E. 53 " "

East Corner line between Sec. 6 & 7
 35.04 Set gr. Sec. post from which
 @ Y, oak 10 in. dia. bears S. 40 E. 28 lks. dist.
 @ Do, Do 10 " " " S. 14 W. 30 " "
 75.04 Section Corner

August 31st 1834

Meander of Calumie River River, beginning at Meander
 post on West Boundary thence up River on
 right-Bank in Sec 19

J. B. M. - B. & M. 2nd Mer. Ind^o

Common to Lk.

S. 45 E, 15.00

In Sec. 19

N. 65 E, 16.00

N. 43 E, 22.00

N. 39 E, 13.50

To meander post on E. & W. line between
Sec. 18 & 19 thence in Sec. 18 up

N. 50 E, 11.00

In Sec. 18

N. 67 E, 17.14

To meander post on N. & S. line between
Sec. 17 & 18

In Sec. 17 beginning at post on line
between Sec. 17 & 18 thence up stream
on right bank

N. 61 E, 07.00

N. 45 E, 08.00

N. 75 E, 15.00

N. 54 E, 03.00

N. 80 E, 11.00

S. 81 E, 13.00

S. 79 E, 20.00

N. 85 E, 7.68

To post on line between Sec. 16 & 17
thence in Sec. 16 on right bank up
stream

S. 76 E, 60.00

In Sec. 16

N. 88 E, 21.13

To post between sections 15 & 16

In Sec. 15 beginning at post meandered
on line between Sec. 15 & 16 thence
along margin of River
Lake up stream

N. 74 E, 27.00

N. 24 E, 12.00

N. 70 E, 14.00

N. 59 E, 15.00

N. 70 E, 18.00

N. 54 E, 7.31

To meander post on line between Sec. 14

303
@

T. 36. N. R. 8 W. 2nd Sec. Ind.

Course	Chs. Lks.	14 & 15, thence on right bank upstream
N 33 E,	14.00	In sec. 14
N 67 E,	8.00	
S 64 E,	9.00	
S 88 E,	33.00	
S 70 E,	25.73	To meander post on line between sec. 13 & 14
N 68 E	20.00	In sec. 13 beginning at post on line between sec. 13 & 14, thence up river on right Bank to meander post on E. & M. line between sec. 12 & 13 thence thence on right Bank up stream
N 2 E	12.10	
N 55 E	23.00	In sec. 12,
East	13.00	
S 46 E	13.50	
S 72 E	14.25	To post between sec. 12 & 13,
S 70 E	6.39	To post in East boundary January 21 st 1835,
S 48 W	83.00	Meanders of Calamie river, On Left bank down stream Begin at post in E. boundary In sec. 13,
S 10 W	12.00	
S 5 W	4.92	To post on line between sec. 13 & 24 on large Creek on left bank
West	11.00	In sec. 24. To lake of river
S 75 W	2.50	To post on line between sec. 23 & 24
		In Section 23 beginning at post on line between sec. 23 & 24, thence down river along left margin of lake of River

36 N. R. 8 W. 2nd Mer. And^d

Course	Ch. S.
S. 55 W.	6.50
N. 43 W.	7.00
S. 68 W.	12.00
S. 40 W.	6.00
S. 78 W.	18.00
S. 55 W.	18.00
S. 67 W.	15.00
S. 63 W.	13.00

Meanders Continued,

To meander post on line between
Sec. 22 & 23 thence on left bank
down stream

S. 51 W.	40.00
S. 87 W.	21.00

In Sec. 22

To meander post on line between
Sec. 21 & 22

N. 89 W.	9.00
S. 79 W.	10.00
S. 87 W.	49.00
S. 73 W.	13.00

In Sec. 21 beginning at post on line
between Sec. 21 & 22, thence along
left margin of Lake of River down
stream,

To stake on line between Sec. 20 &
21 thence

S. 87 W.	25.00
N. 88 W.	54.88

In Section 20

To meander post on line between
Sec. 19 & 20

S. 80 W.	65.00
N. 70 W.	13.54

In Sec. 19

To meander post on W. Boundary

S. 42 E.	20.00
----------	-------

Meanders of Deep Creek in Sec. 24
beginning at meander post on line
between Sec. 13 & 24 thence up
stream on right bank

On Sec. 24

Course	C. Lk.	
S. 58 E,	15.00	Meanders of Deep Creek Continued
S. 74 E,	20.00	
N. 68 E,	15.00	
N. 75 E,	2.87	
		To post on E. Boundary,
S. 74 W,	24.00	Left bank down stream from post in E. Boundary In Sec. 24
N. 66 W,	28.00	
N. 41 W,	28.00	
N. 19 W,	2.14	
		To post on line between Sec. 13 & 24
S. 51 W,	4.00	Meanders of Grand Calumie beginning at a pine cor. + meander post on right bank thence up River In Sec. 3
West	9.00	
N. 55 W,	6.00	
N. 44 W,	2.91	
		To post on N. Boundary
S. 40 W,	8.00	thence again up River
S. 71 W,	5.00	
S. 85 W,	5.00	
S. 87 W,	4.34	
		To meander post on line between Sec. 3 & 4
N. 78 W,	5.00	In Sec. 4
N. 63 W,	6.00	
N. 85 W,	5.00	
N. 83 W,	3.00	
N. 74 W,	4.93	To meander post on N. Boundary
S. 63 W,	4.00	In Sec. 4
S. 73 W,	10.00	
S. 59 W,	4.00	
S. 75 W,	4.00	
S. 85 W,	11.00	

T. 36 N. R. 8 W. 2nd Mer. Indiana

Course	to L,	Meanders continued
N. 82 W.	5.45	To meander post on line between Sec. 4 & 5
S. 82 W.	10.00	In Sec. 5
N. 71 W.	9.00	
N. 80 W.	18.00	
N. 83 W.	4.00	
West	8.00	
S. 78 W.	5.00	
S. 75 W.	14.00	
S. 45 W.	5.00	
S. 55 W.	4.00	
S. 65 W.	1.93	To meander post on line between Sec. 5 & 6
		In Sec. 6, begining at post on line between Sec. 5 & 6 on Right bank of River, thence up river
N. 71 W.	6.00	
N. 80 W.	10.00	
N. 50 W.	8.00	
N. 41 W.	9.00	
N. 70 W.	6.00	
N. 85 W.	10.00	
S. 57 W.	7.00	
S. 65 W.	6.00	
S. 78 W.	9.00	
West	10.00	
N. 80 W.	96	To Y. oak cor. on Range line
		In Sec. 6 Meanders on left Bank
		Begining at meander post on N. Boundary thence Down stream
S. 4 W.	5.00	
S. 62 E.	4.00	

Course	C.L.	meander continued
N. 32 E.	5.00	
N. 14 E.	1.00	
N. 85 E.	5.00	
N. 79 E.	5.75	To meander post & cor. between Sec. 5 & 6
<hr/>		
East	4.37	In Sec. 5 To meander & cor. post. North Boundary there
S. 66 E.	8.00	
N. 86 E.	9.78	To meander post on line between Sec. 4 & 5
<hr/>		
N. 86 E.	6.00	In Sec. 4
N. 56 E.	2.82	To meander post in N. Boundary.
<hr/>		
<p>The River in its passage through this Town has its course through an Extensive Marsh, for the most part covered with water in many places very deep, resembling large Lakes. The shallowest parts have a large growth of Marsh grass, or can. by some called wild rice, the banks of the River are low, & no current to the Stream, the upland of the Town is generally poor hilly sand land, interspersed with marshes, the Timber Small & Scrubby.</p>		

T. 36 N. - R. 8 W. 2nd Mer. Ind. @

I do hereby certify that in pursuance of a contract, made & entered into with Mr. J. Williams Surveyor General of the United States for the Territory of Michigan and States of Ohio & Indiana, upon the 22nd day of April 1834 that I have surveyed & subdivided into sections Township 36 N. of Range 8 W. of 2nd principal meridian Indiana, in accordance with the Laws of the United States & in strict conformity with the directions of said Surveyor Genl. & I do further certify that the foregoing are the true & original field notes of said Survey & Subdivisions Executed as above said. Certified this 22nd June 1835

A. Burnside

Dep. Surveyor

Seth May }
Rich Haines } Chairman
Joseph Hines, Master

I certify that the foregoing transcript of field notes of Township 36 North of Range 8 West 2nd Meridian, State of Indiana, has been compared with the original in this office and found to be correct

William Johnston
Supt. Genl.

Surveyor General's Office
Cincinnati, Dec. 30th 1842

X and

Genl Land Office
Capt

Original field notes transmitted to the Auditor of the State of Indiana
April 19. 1872

473

Field Notes

Recd with Robt H. Murray's letter
March 25 1872

Survey of the impassable Morass
in Township 36 North. Range 8
West. of the 2nd Meridian
Indiana

Survey Commenced January 25, 1872.

To establish the corner of
Sections 13, 14, 23 & 24. I find a
Witness Tree (by Notes of United States
Survey of this Township, in the hands of Deft
County Surveyor Smith) at $\frac{1}{4}$ Sec. Corner
between Sections 13 & 24. & Measure West
Variation 4°

Temporary Post

Then from Post in
March at Corner of Secs 23, 24, 25 & 26
Run North between Secs 23 & 24.
Variation $5^{\circ} 10'$

40.00 To $\frac{1}{4}$ Post:
79.00 Ch. Post Meander Post on South
Margin of Morass.

80.00 Ch. to Post:
set in Sec & Quad corner of Secs 13, 14
23 & 24.

(No 1.) West between Secs. 14 & 23.
Variation 4°
10.00 Post in Morass about 30 links North of Margin.

~~meander~~ to Corner of Secs. 13, 14, 23 & 24
And Run East between Secs 13 & 24.

Variation 4°

13.30 Set Meander Post on Left bank of
Deep Creek.

17.70 Set Meander Post on Right bank of
Creek. ^{return} West on same line to Sec. Corner.

North between Secs. 13, & 14.

Variation $3^{\circ}30'$

30.00 Set Meander Post on Left Bank of
Deep Creek.

31.90 Set Meander Post on Right bank of
Creek.

40.00 Set Post for $\frac{1}{4}$ Sec. Corner in Sec & Meander

50.10 Set Meander Post on Left bank of
Calumet River.

52.70 Set Meander Post on Right bank.

59.44 To North Margin of Morass & Post estab-
lished by myself 20.00 Chs South of
Mound at Corner of Secs. 11, 12, 13 & 14.

70.49 South fence of Michigan Central Rail Road

72.17 North fence of Michigan Central Rail Road
^{of Rail Road}
Course, South $60\frac{1}{2}^{\circ}$ East.

From Post established by
myself on Right Margin of Morass.

19.00 Chs East of Corner of Secs. 11, 12
13 & 14, Run East between Secs. 12 & 13.

Line between secs 13 & 14 continued

Variation 4°

- 34.20 Right bank of Calumet River & set Meander Post
- 35.80 Set Meander Post on Left bank of Calumet River course South, East.
- 37.90 Set Meander Post on Left bank of Calumet River.
- 39.60 Set Meander Post on Right bank of Calumet River course North west.
- 40.00 Set Temporary $\frac{1}{4}$ Sec Post.
- 47.70 Set Meander Post on Right bank of Calumet River.
- 49.00 Set Meander Post on Left bank of Calumet River course South.
- 54.50 Set Meander Post on Left bank of Calumet River.
- 55.70 Set Meander Post on Right bank of Calumet River, course North.
- 80.00 Set Post Corner of Secs. 12 & 13.
West on same line.
& establish $\frac{1}{4}$ ^{section post} ~~corner~~ as set.

January 25, 1872

From Meander Post on line between Secs. 22 & 23 (50.00 Chs North of Sec. corner of 22, 23, 26, & 27) (Run North

Variation $5^{\circ} 40'$

- 80.00 Set Sec corner Post: corner of 14, 15, 22, & 23. in Ice & Mud.

East on Randon line between Secs.
14 & 23.

Variation 4°

40.00 Set Temporary $\frac{1}{4}$ Sec Post.

80.73 Intersect North & South line 84 links
South of Sec. Corner.

West on same line.

South $89^{\circ} 24'$ West.

70.73 Post on (Margin of Morass.

Notes. The old Meander line
could not have crossed this line as shown
on Map from land office.

62.73 Set Post 30 links North of Margin of Morass.

56.10 Set (Meander Post on Left bank of Deep
Creek. Creek 3 chs wide on this line.

Cross Creek again 2 chs. wide.

49.10 Set (Meander Post on Left bank of Deep
Creek

40.36 Set $\frac{1}{4}$ Sec Post in Ice & Mud.

33.26. Center of Pittsburgh Ft. Wayne, &
Chicago Rail Road Track.

North between Secs. 14 & 15.

Variation $5^{\circ} 40'$

26.38 To Center of Track of Pittsburgh Ft
(Wayne, & Chicago Rail Road.

Course. South $51^{\circ} 50'$ East,

40.00 Set $\frac{1}{4}$ Sec Post in Ice & Mud.

Line between 14 & 15 continued

- 47.40 Set Meander Post on Left bank of Calumet River.
 49.40 Set Meander Post on Right bank of River course south west.
 58.52 To Right Margin of Morass. & To Post 22.00 Ch. South of Sec. corner.

January 26 1872

From Meander Post between Secs. 21 & 22. (35.50 Chs. North of Sec. corner) & Left Margin of Morass.
 Run North

Variation $5^{\circ} 22'$

- 40.00 Set $\frac{1}{4}$ Sec Post in Mud & Sec.
 50.00 Set Meander Post on Left bank of Calumet River.
 54.00 Set Meander Post on Right bank of Calumet River course west.
 80.00 Set Post in Sec & Mud Corner of Secs. 15, 16, 21 & 22.

East on Random line between Secs. 15 & 22.

Variation 4°

- 15.30 Set Meander Post on Right bank of Calumet River.
 16.40 Set Meander Post on Left bank of River course south.
 28.70 Set Meander Post on Left bank of

15 & 22 continued.

Calumet River.

33.40 Set Meander Post on Left bank of
Calumet River courses West.

40.00 Set Temporary $\frac{1}{4}$ sec Post: in dirt mound

79.97 To North & South line 8 links South
of Sec. Post.

West on True line

South $89^{\circ}57'$ West:

39.98 Set $\frac{1}{4}$ sec Post:

79.97 To sec corner of 15, 16. 21 & 22.

North between Secs, 15 & 16,

Variation $5^{\circ}22'$.

15.62 To Meander Post on Right Margin
of Morass. 25.00 Chs South of Sec. corner.

January 27 1872.

From Meander Post between Secs.
20 & 21. 27.50 Chs North of corner of 20. 21. 28 & 22

Run North

Variation $5^{\circ}36'$

34.00 water $1\frac{1}{2}$ ft deep

40.00 Set $\frac{1}{4}$ sec. Post. in water 2 ft deep.

53.00 Same deep water ($1\frac{1}{2}$ ft deep.)

80.00 Set Sec. Post. on South or Left bank
of Calumet River, corner of Secs 21. 22
16 & 17.

East on Random line between Secs. 16 & 21.

Variation 4° .

29.00 Set Meander Post on Left bank of Calumet River.

33.00 Set Meander Post on Right bank of Calumet River.

40.00 Set Temporary $\frac{1}{4}$ Sec Post in Sec & Mnd.

80.13 To North & South line 36 links South of Sec corner.

West on True line, with some Variation South $89^{\circ} 49'$ West.

40.07 Set $\frac{1}{4}$ sec Post.

Set Meander Posts at ~~same~~ ^{same} distances as before.

80.13 To Corner of Secs. 16, 17, 20 & 21.

North between Secs. 16 & 17,

Variation $5^{\circ} 36'$.

7.20 Set Meander Post on Right bank of Calumet River.

25.82 To Meander Post on Right Margin of Morass 14.00 Chs South of $\frac{1}{4}$ Sec corner.

January 30 1872,

From Meander Post on Left Margin of Morass between Secs 19 & 20 25.00 Chs North of the corner of Secs. 19, 20, 29 & 30.

Run North.

Variation $5^{\circ} 30'$.

40.00 Set $\frac{1}{4}$ Sec Post in Sec & Mnd.

80.00 Set Post on Left bank of Calumet River. Corner of Secs 17, 18, 19, & 20.

East on Random line between Secs 17 & 20.

Variation 4°

8.80 Set Meander Post on Right bank of Calumet River. course nearly west.

18.40 Set Meander Post on Right bank of Calumet River.

21.30 Set Meander Post on Left bank of Calumet River.

40.00 Set Temporary $\frac{1}{4}$ Sec. Post.

72.90 Set Meander Post on Left bank of Calumet River.

76.40 In Calumet River 50 links South of Point in Right Bank.

80.12 To North & South line 24 links South of Sec. Post.

West on True line.

South $89^{\circ} 50'$ West.

40.06 Set $\frac{1}{4}$ Sec Post in Sec & Meand.

Set Meander Posts on True line.

80.12 To Corner of Secs 17, 18, 19 & 20. ^{This line is 1 ft under water}

North between Secs. 17 & 18.

Variation $5^{\circ} 30'$

2.70 Set Meander Post on Right bank of Calumet River

15.16 To Meander Post on Right Margin of Morass. 25.00 Chs South of $\frac{1}{4}$ Sec Corner.

(Line No 17. in blue.)

From Sec Post Corner of Secs. 17, 18, 19 & 20
 Run West on line between Secs. 18 & 19.

Variation 4°

5.26 Set (Meander ^{Post} on Right bank of Calumet
 River.

24.56 To Right Margin of Morass.

January 31 1872.

East Line of Sec 24. Township
 36 North. Range 9 West of
 2nd Meridian.

From Meander Post
 on East line of Sec. 24. Township 36
 N., Range 9. W. 2nd Merid.
 18.00 Chs North of the Corner of
 Secs 24 & 25. Run North.

Variation $4^{\circ} 55'$

40.00 Set $\frac{1}{4}$ Sec Post in Sec & Merid.

42.80 Set (Meander Post on Left bank of
 Calumet River.

45.40 Set (Meander Post on Right bank of
 Calumet River.

51.25 To (Meander Post on Right Margin of
 Morass. 29.20 Chs South of Sec Corner.

80.45 Section Corner. Corner of 13 & 24.

Find Witness, by notes for land office

Y. Oak 12th N. 77° E 8.90

East on Random line between Secs
18 & 19. Range 8.

Variation 4°

36.30 To $\frac{1}{4}$ Sec Corner.

52.00 To Point 45 links South of Meander
Post on West & Right Margin of Morass.

71.30 To Point 45 links South of Meander
Post on Right bank of Calumet River.

76.56 To North & South ^{Sec.} line 45 links South
of Sec Corner.

West on True line.

South $89^{\circ}41'$ West.

71.30 Set Meander Post on True line.

52.00 Set Post at Right Margin of Morass.
on True line.

End.

February 1 1872

General Description

The Calumet River is from 8 to 12 ft deep.

& Soil at Bottom is about the same as the
Surface of Morass (only not so much decayed matter)
Deep Black Heavy Soil. The lines that

I have run over (except those otherwise described
at end of these lines in Field Notes) are covered
over with about 6 inches of Ice. And the Ice
in the Calumet River & Deep Creek is about $1\frac{1}{2}$ or
2 ft lower than the surface of the Morass, for the

28+

General Description Continued

Water is very low now. Generally the water covers the whole Morass from 6 inches to one foot deep, & at Times is 3 to 4 ft. deep.

The Morass is now covered over with Rushes, Flaggs, & Wild rice, which grow from 8 to $10\frac{1}{2}$ ft High. (Fires have destroyed them in places)

All East & West lines were run with a 4° Var. & the ~~corrected~~ ^{corrected} line run on a course $S-0^{\circ}-W$. as per instructions in Pamphlet.

The North & South lines were run from an Established Sec. Corner. South of the Morass. on a straight line to a Sec. or $\frac{1}{4}$ Sec Corner. (Established) on North side of Morass. & The Variation of Each line marked on sketch & in Field Notes.

Meanders of the Right bank of the Calumet River.

Beginning on the
East line of Sec. 24. Township 36
North. Range 9 West of 2nd
Mer. on the Right & North
bank. Thence up stream in ^{Track}
Sec 19. Township 36 North. Range 8 West.
Variation $4^{\circ} 30'$.

Note In sec 24. Range 9. The River.
runs $N. 68\frac{1}{2}^{\circ} W.$ for about 15.00 Chs. Thence S. W.

Chs.	Chs.	In Sec 19.
$77\frac{1}{2}^{\circ} E$	2.50	Chs Thence.
$84\frac{1}{2}^{\circ} E$	16.00	
$64\frac{1}{2}^{\circ} E$	9.00	
$83\frac{1}{2}^{\circ} E$	19.00	
$26^{\circ} E$	18.00	
$42\frac{1}{4}^{\circ} E$	26.46	To Meander Post on sec line between secs 18 & 19.
		Thence in Sec 18.
$62^{\circ} E$	5.80	To Meander Post between Secs 18 & 17.
		Thence in Sec 17
$85\frac{1}{2}^{\circ} E$	4.00	
$63\frac{1}{4}^{\circ} E$	5.40	To Meander Post on sec line between secs 17 & 20.
		Thence in Sec 20.
$54\frac{1}{2}^{\circ} E$	10.00	
$14^{\circ} E$	5.90	To Meander Post on sec line between

hst

Sec's. 17 & 20 18.40 Chs. East of
See Corner.

Thence in Sec 17.

$18\frac{3}{4}^{\circ}$ E 3.30
 $75\frac{1}{2}^{\circ}$ E 17.00
 $30\frac{1}{2}^{\circ}$ E 13.00
 59° E 6.50
 40° E 10.80
 $48\frac{1}{2}^{\circ}$ E 16.00
 $50\frac{3}{4}^{\circ}$ E 4.00
 $22\frac{1}{4}^{\circ}$ E 16.24

To Point 50 links North of E & W sec
line. 76.40 Chs. East of See Corner. Then

$27\frac{3}{4}^{\circ}$ E 7.60 To Meander Post on See line between
Secs. 16 & 17

Thence in Sec. 16.

57° E 12.00
 78° E 5.50
 62° E 10.00
 18° W. 9.00
 $57\frac{1}{2}^{\circ}$ E 10.00
 25° E 9.10

on Section line
To Meander Post between Secs. 16 & 21.

Thence in Sec 21.

$33\frac{1}{2}^{\circ}$ E 7.50
 42° E 19.50
 55° E 2.50
 $10\frac{3}{4}^{\circ}$ W. 10.00
 $39\frac{1}{2}^{\circ}$ E 8.50
 $74\frac{1}{2}^{\circ}$ E 8.60

Meander of Culvert - in Sec 21.

Point 14.50

48° E 9.70

88 $\frac{3}{4}$ ° E 9.10

To Meander Post on Sec line between Secs 21 & 22.

Thence in Sec 22.

44 $\frac{1}{2}$ ° E 3.00

75 $\frac{1}{2}$ ° E 13.00

50° E 10.50

57° W. 12.00

17 $\frac{1}{2}$ ° E 7.50

To Meander Post on Sec. line between Secs 15 & 22

Thence in Sec. 15.

17 $\frac{1}{2}$ ° E 4.00

54 $\frac{1}{2}$ ° E 4.00

68 $\frac{1}{2}$ ° E 13.00

February 2 1872,

42 $\frac{3}{4}$ ° E 9.40

68 $\frac{1}{2}$ ° E 13.00

25 $\frac{1}{2}$ ° E 5.00

23 $\frac{3}{4}$ ° W. 11.00

35 $\frac{1}{2}$ ° E 4.50

81° E 9.00

65 $\frac{1}{2}$ ° E 11.00

At 7.20 Chs of this last course is Center of Bridge of the Pittsburgh Ft. Wayne & Chicago Rail Road.

38 $\frac{3}{4}$ ° E 15.00

To Meander Post on line between Secs. 14 & 15

Thence in Sec 14.

68 $\frac{1}{2}$ ° E 3.50

See 14 continued

69 $\frac{1}{4}$ ° E 21.00

73° E 2.00

32 $\frac{3}{4}$ ° E 10.00

89° E 2.00

49 $\frac{1}{2}$ ° E 11.00

45° E 8.70

76 $\frac{1}{2}$ ° E 11.0063 $\frac{1}{2}$ ° E 9.20

East. 12.00

42 $\frac{1}{4}$ ° E 3.70 To Meander Post on line between
Secs. 13 & 14.

Thence in Sec 13.

28° E 10.00

61° E 4.00

53° E 5.00

76 $\frac{1}{2}$ ° E 4.5047 $\frac{1}{4}$ ° E 17.0088 $\frac{1}{2}$ ° E 7.0036 $\frac{1}{2}$ ° E 5.50 At 1.04 Chs. of this last course is
the center of the (Michigan
Central Rail Road Bridge73 $\frac{1}{2}$ ° W. 9.50

North. 1.70

34 $\frac{1}{2}$ ° E 7.60

21° W. 9.00

15 $\frac{1}{2}$ ° E 4.0036 $\frac{3}{4}$ ° E 2.10 To Meander Post on E & W. Sec line
between Secs. 12 & 13.

Meander of Colarant River continues
 Thence in Sec 12.

$36\frac{3}{4}^{\circ}$ E 1,50

East. 3,70

$33\frac{1}{4}^{\circ}$ E 1,50

To Meander Post on line between Secs.
 12 & 13. 39.60 Chs East of Sec Corner

Thence in Sec 13,

$33\frac{1}{4}^{\circ}$ E 17,00

East. 5,00

35° W. 6,00

17° W. 9,60

To Meander Post on line between
 Secs. 12 & 13 47.70 Chs East of
 Sec Corner.

Thence in Sec. 12.

$14\frac{1}{2}^{\circ}$ W. 3,00

$30\frac{1}{2}^{\circ}$ E 6,60

$81\frac{1}{2}^{\circ}$ E 4,50

40° E 3,00

$8\frac{1}{2}^{\circ}$ W. 7,30

To Meander Post on line between Secs
 12 & 13 55.70 Chs. East of Sec Corner.

Thence in Sec 13.

47° E 17,00

East. 1,00

39° E 12,00

$59\frac{3}{4}^{\circ}$ E 2,80

$45\frac{1}{2}^{\circ}$ E 1,00

To Meander Post on East line of Sec
 13 1,46 Chs. South of Corner of Secs
 12 & 13, End.

834

Continue this last course Np stream
for about 10.00 Chs. Then the River
bears nearly East.

February 3, 1872

Meanders of Deep Creek.

Beginning on Left bank.
(The right bank is covered with Rushes, &
wild Rice. 8 or 10 ft. High & very thick,
(But the left bank has been burned off)
of the Creek on line between Sec's
13 & 24. 13.30 Chs East of corner of
Secs 13, 14, 23 & 24.

Variations 4°-30'

Note - In sec 24. creek bears S 10° E
for about 8.00 Chs. Thence bears S E.

In Sec 13.

8° E	20.00
32¼° W.	4.00
52¾° W.	6.00

Meander in Sec 13 Continued

71° W	10,10	To Meander Post on line between Secs. 13 & 14, 30.00 Chs. North of the corner of Secs. 13, 14, 23 & 24 Thence in Sec 14.
53° W.	5,00	
11½° W.	3,00	
South.	8,00	
23½° W.	6,00	
35½° W.	5,00	
11½° E.	5,60	
76¾° W	3,80	To Point 10 links North of Post on Sec. line 13.00 Chs. West of Corner of Secs 13, 14, 23 & 24 Thence
77° W.	8,00	
60½° W.	3,80	To Meander Post on line between Secs. 14 & 23 56.10 Chs East of Sec corner. Thence in Sec. 23,
60½° W	2,00	
82½° W.	4,20	
35¾° W.	1,80	To Meander Post on line between Secs 14 & 23. 49.10 Chs East of Corners of Secs. 14, 15, 22 & 23 Thence in Sec. 14.
35¾° W.	12,00	
North.	11,00	
70° W.	3,00	
28° W	10,00	

Meander of Deep Creek in Dec 14 Continued

82° W.	2.60
7° W.	11.00
14° W.	9.00
70½° W	8.00
2¼° W	5.00
19° E	3.70

To Mouth of Deep Creek & set Post to check on in the Meanders of the Left side of Colunnet River.

General Description of Deep Creek

Its depth is from 2 to 12 ft Bottom Heavy Black soil about the same as the mores. Its banks are level with the surface of the mores. Its width averages about 150 Ch. & is very regular.

It seems to be a stream fed by Springs, as the water boils up in Mounds & flows over in the center of the stream. so that it will not stay frozen only a day or two at a time

February 5 1872,

End of Deep Creek.

Meanders of The Left Bank of Calumet River.

Commencing on the East line of
Sec 13 Township 36 North, Range
8 West of 2nd Mer.

3.60 Chs South of the corner of
Secs 12 & 13. &

(Meander the Left
or South bank. Running west
or down ~~Stream~~

Variation $4^{\circ} 30'$

In Sec 13,

70° W. 2.00

Chs Thence.

35½° W. 13.00

66° W. 8.00

40° W. 13.50

To Meander Post on line between
Secs. 12 & 13.

Thence in Sec. 12,

3½° E 7.00

60½° W. 2.50

41¾° W. 6.00

3½° E. 3.70

To Meander Post on line between

Secs 12 & 13. 49.00 Chs East of
Corner of Secs.

Thence in Sec 13.

21 $\frac{3}{4}$ ° E 10.00

40° E 5.70

58 $\frac{3}{4}$ ° W. 5.00

66 $\frac{3}{4}$ ° W. 6.00

31 $\frac{3}{4}$ ° W. 16.40

To Meander Post. on line between Secs.
12 & 13 37.90 Chs East of Sec Corner.

Thence ^{West} on Sec. line.

87 $\frac{1}{2}$ ° W. 2.10

To Meander Post 35.80 Chs East-
of Sec Corner.

Thence in Sec 13.

32 $\frac{1}{2}$ ° W. 4.00

13 $\frac{1}{2}$ ° E 12.00

31° W. 6.00

66° E 10.00

42 $\frac{1}{2}$ ° W. 8.00

At 6.10 Chs of this last course is
Center of Michigan Central
Rail Road Bridge.

87 $\frac{1}{2}$ ° W 8.00

51 $\frac{3}{4}$ ° W. 15.00

74° W. 11.00

30 $\frac{3}{4}$ ° W. 12.50

To Meander Post on line between
Secs 13 & 14 50.10 Chs North of
Sec Corner

Meander of left bank of Columbia
Continued

Thence in Sec 14,

66½° W. 5,00
87½° W. 10,00
68° W. 9,00
79½° W. 10,00
49½° W. 10,00
48° W. 10,00
40¾° W. 9,00
65¼° W. 3,60

To Left bank of Gut Creek & at
Stopping Point of the Meanders
of same.

77¼° W. 24,00

To Meander Post on line between
Secs. 14 & 15 47,50 Chs. North of
Sec corner.

Thence in Sec 15:

38½° W. 20,00

At 16,75 Chs of this last course is
Corner of Tract on Bridge of
Pittsburgh Ft. Wayne & Chicago
Rail Road.

82° W. 15,00
19° W. 2,00
17° E 12,00
38¼° W. 6,00
71° W 10,00
45¾° W. 11,40

To Meander Post on line between.

Secs. 15 & 22, 33.40 Chs East of
See Corner, Feb 6 1872

Thence in Sec. 22,

74° W. 2.00

17½° W. 2.80

To Meander Post on line between
Secs. 15 & 22, 28.70 Chs. East
of See Corner.

Thence in Sec 15,

64½° W 10.00

37¾° W. 5.40

To Meander Post on line between
Secs 15 & 22, 16.40 Chs East
of See Corner.

Thence in Sec 22,

10½° W. 6.00

52° E 13.00

27° W 3.00

49° W 13.00

79° W 10.00

54½° W. 5.00

To Meander Post on line between
Secs. 21 & 22. 50.00 Chs North
of See Corner.

Thence in Sec 21,

89° W. 5.00

76° W. 6.00

44½° W. 12.00

3° W. 14.00

84° W. 6.00

34½° W 3.00

Meander in Sec 21 Continued

6 1/2° E 12.00

6 1/2° W. 3.00

80° W. 3.50

4 1/2° W. 29.00

To Meander Post on line between
Secs. 21 & 16 29.00 Ch. East of
Sec Corner

Hence in Sec 16.

16° W. 4.00

6 7/2° W 8.60

4 1/2° W. 2.50

10° E 9.00

78 1/2° W. 8.00

60 1/2° W. 9.00

26 1/2° W. 9.20

To Sec. Post Corner of Secs, 16
17, 20 & 21

Hence in Sec 20.

59 1/2° W. 5.00

6 1/4° W. 3.90

To Meander Post on line
between Secs. 17 & 20. 72.90 Ch East
of Sec. Corner

Hence in Sec 17.

23° W. 13.00

5 1/2° W 14.00

89 1/2° W. 1.00

46° W. 15.00

35 1/2° W. 13.00

Meanders in Sec 17 Continued

76 $\frac{3}{4}$ ° W. 15.0034 $\frac{1}{4}$ ° W. 1.40

To Meander Post on line
between Secs. 17 & 20 21.30 Chs.
East of Sec Corner

Thence in Sec 20.

81° W 8.00

87 $\frac{1}{2}$ ° W 2.5045 $\frac{3}{4}$ ° W 14.00

74° W. 5.00

To Section Post Corner
of Secs 17, 18, 19, & 20

Thence in Sec 19.

40 $\frac{1}{2}$ ° W. 29.0019 $\frac{1}{2}$ ° W. 10.00

38° W. 8.00

61° W. 4.00

82° W. 16.00

70° W. 14.00

84 $\frac{1}{4}$ ° W 15.70

To Meander Post on ^{West} line
of Sec 19, 42.80 Chs North
of Sec Corner.

nd.

February 7 1872,

Note.

The Meander of the River close within the
150 links just as the Sec lines are run.
And if the Variation of the different Sec.
lines are considered they look but a

few links of closing. In taking the
 courses & distances of the left bank & con-
 sider the whole length of the Calumet
 River, — Calculating the different variation
 of the sec. lines, it will close within
 101 links.

Total length of courses of
 Left bank. = 9 miles & 58.80 Chs. or
 9.735 Miles.

Total length of courses
 of Deep Creek. = 2 miles & 11.60 Ch
 or 2.145 Miles.

I hereby certify that I assisted Robt.
H. Murray, Deputy Surveyor, in survey-
ing the Section Lines of the Impas-
sable morass in Township 36 North,
Range 8 West of 2^d meridian,
State of Indiana,
and that said Section Lines have
been in all respects, to the
best of my knowledge and
belief well and faithfully sur-
veyed and corners established
(or planted) according to the
instructions furnished by the
commissioner.

J. C. Rossiter.

~~Commissioner~~

Subscribed and sworn to by the
foregoing named persons, before
me, a Justice of the Peace, for
the County of Cook and State
of Illinois, this 20th day
of February, 1872,

A. G. Sturtevant (Seal)

Justice of the Peace.

I, Robert H. Murray Surveyor do solemnly swear that in pursuance of a contract with Willis Drummond Commissioner of the United General Land Office and ex-officio Surveyor General for the United States in the State of Indiana, bearing date August 21. 1841 and in strict conformity to the laws of the United States, and the instructions furnished by said Commissioner, I have faithfully executed the survey described in the foregoing field notes with the assistance of my compass man F. C. Runkler, and do solemnly swear that the foregoing are the true and original field notes of such survey

Robt. H. Murray

Sworn to before in this ^{Surveyor} 27th day of March A.D. 1842

Jas J. H. Plank

(Seal)

Notary Public

Department of the Interior
General Land Office
Mar 27. 1842

Being satisfied from the intrinsic evidence of the foregoing field notes that the surveys they describe have been faithfully executed I hereby approve the same

Willis Drummond

Commissioner
and Ex-officio Surveyor Genl of Indiana